

# 1 run15\_alpha\_pp\_malpha

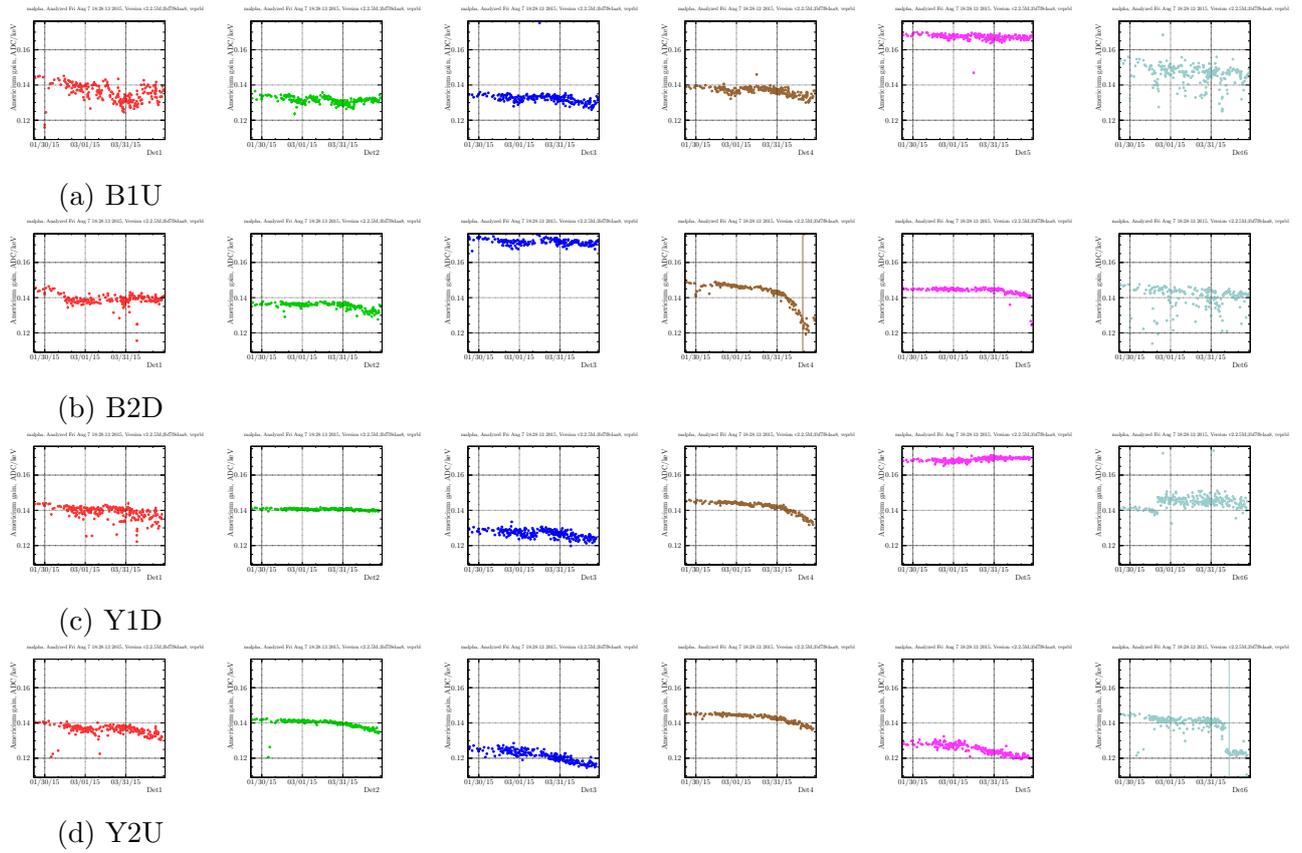


Figure 1: Time dependence of the detector gain  $g_{Am}$  as measured with  $\alpha$ -particles emitted by the  $^{241}\text{Am}$  source. Colors represent individual detectors. (run15\_alpha\_pp\_malpha)

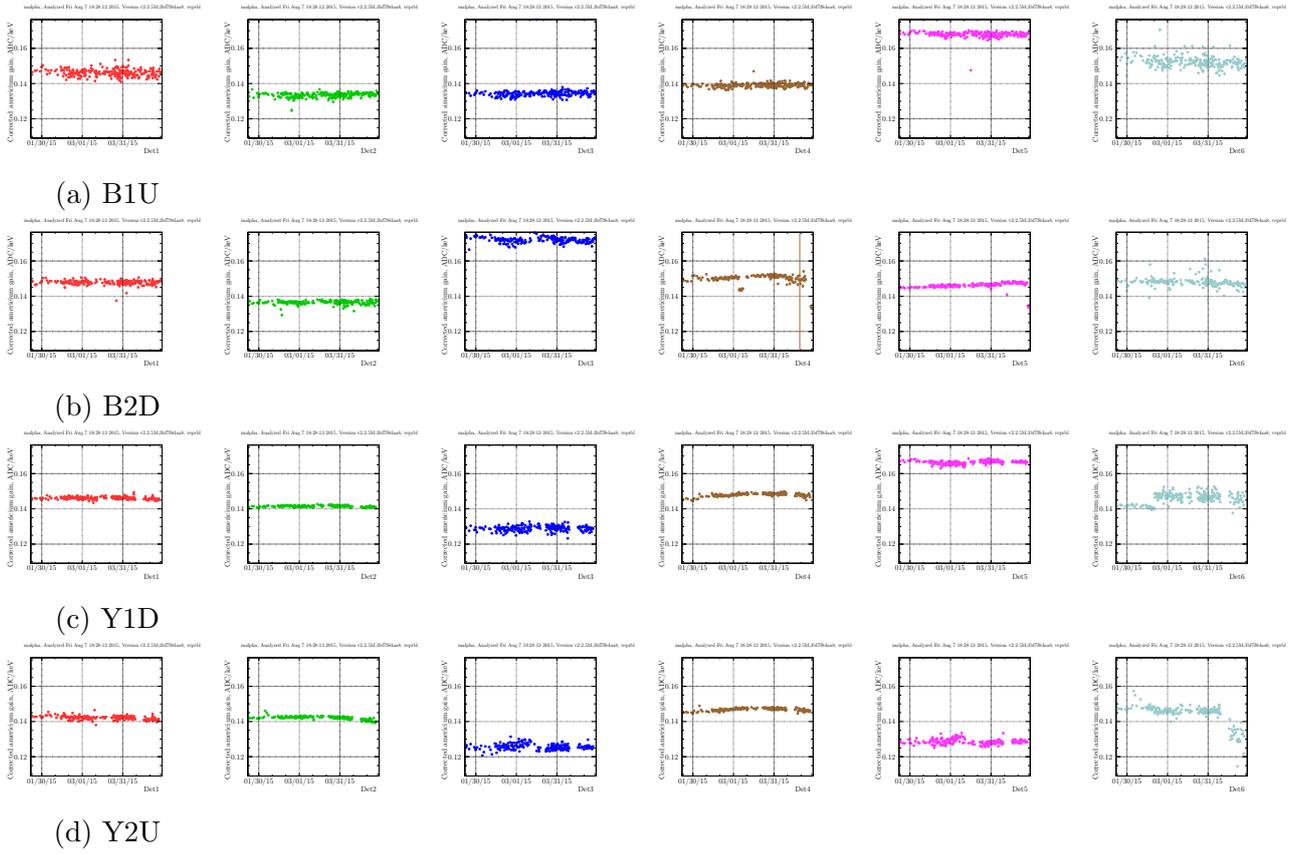


Figure 2: Time dependence of the detector gain  $g_{Am}$  that was corrected to zero bias current using the slope from Section 1. (run15.alpha\_pp\_malpha)

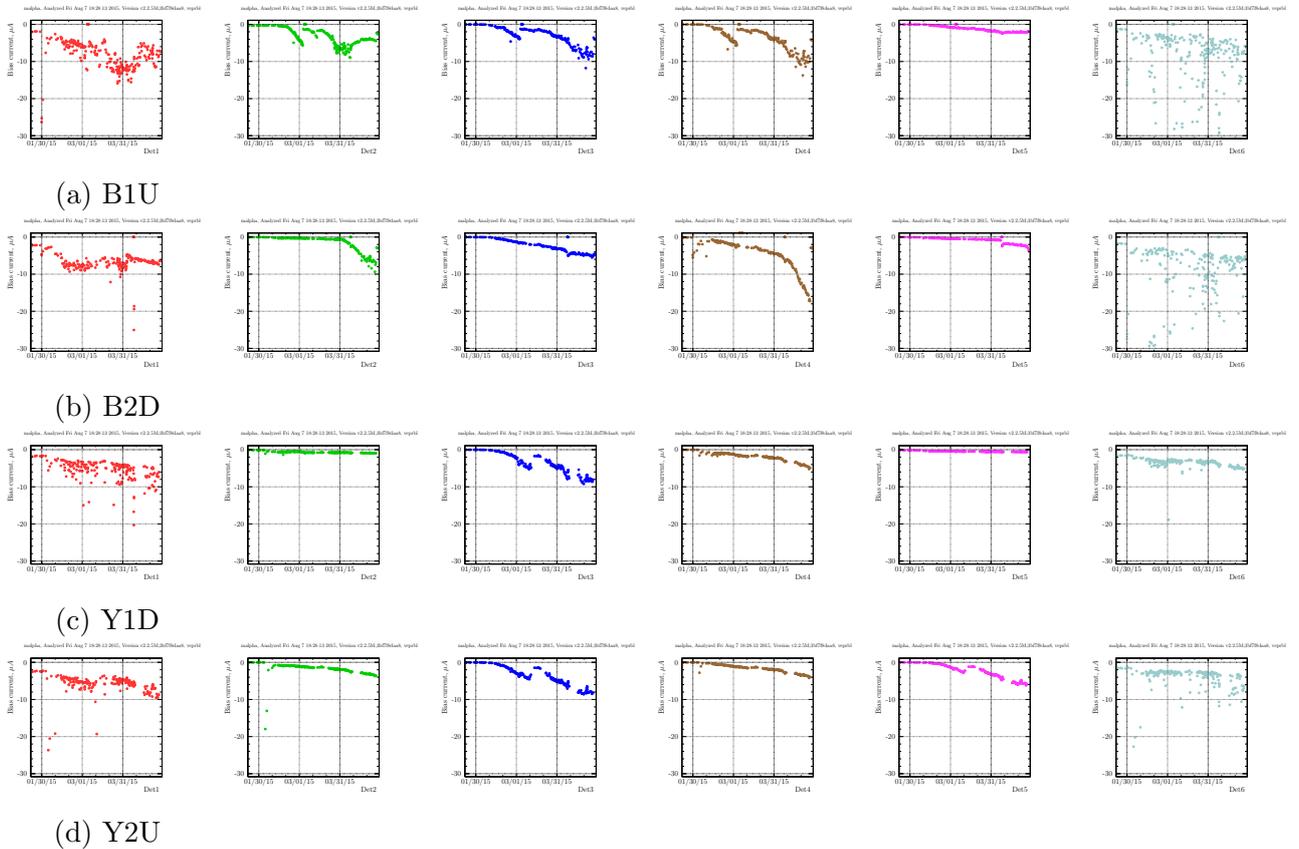


Figure 3: Bias current during individual alpha measurements. (run15.alpha\_pp\_malpha)

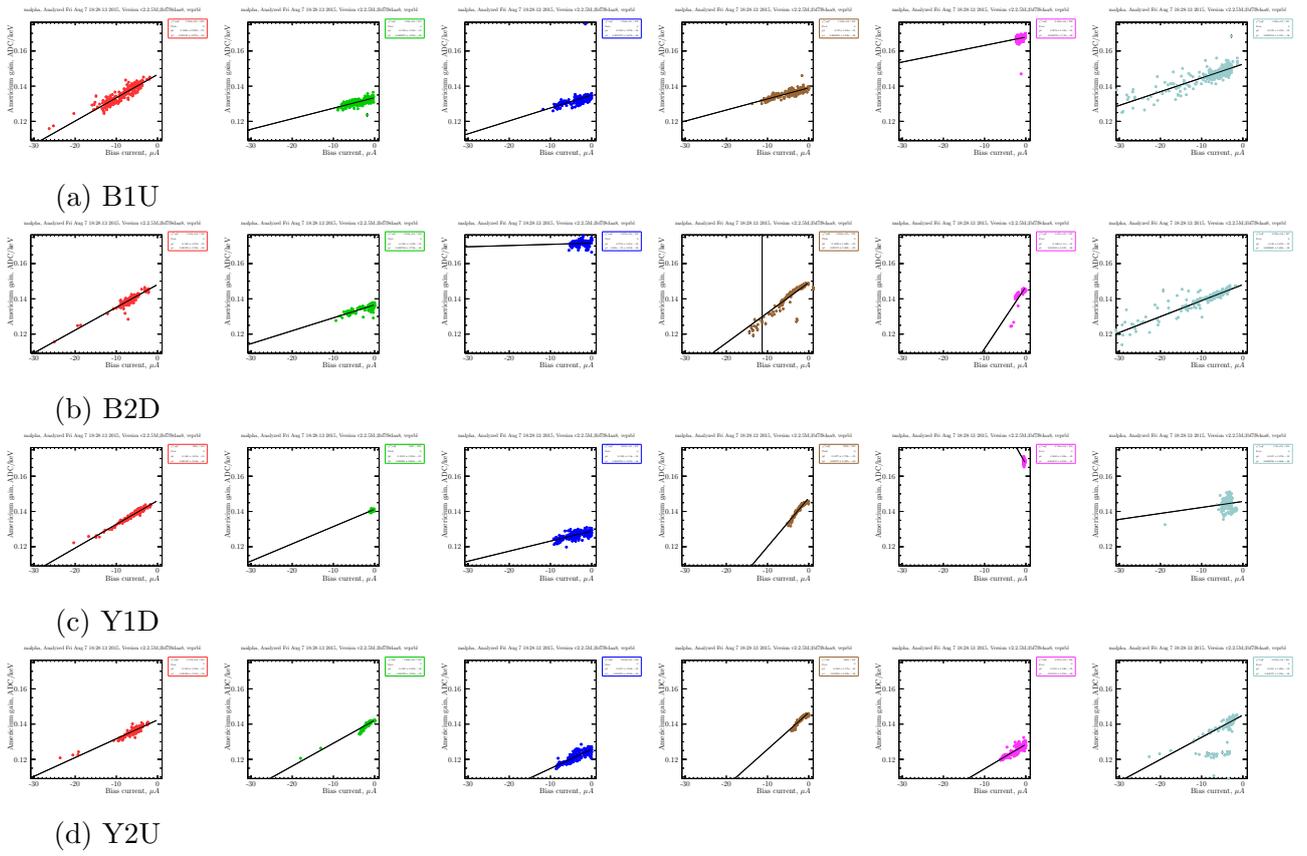


Figure 4: Bias current versus americium gain ( $\mu_{\text{Am}}/E_{\text{Am}}$ ) dependency. The colors represent different detectors. (run15\_alpha\_pp\_alpha)

## 2 run15\_alpha\_pA\_malpha

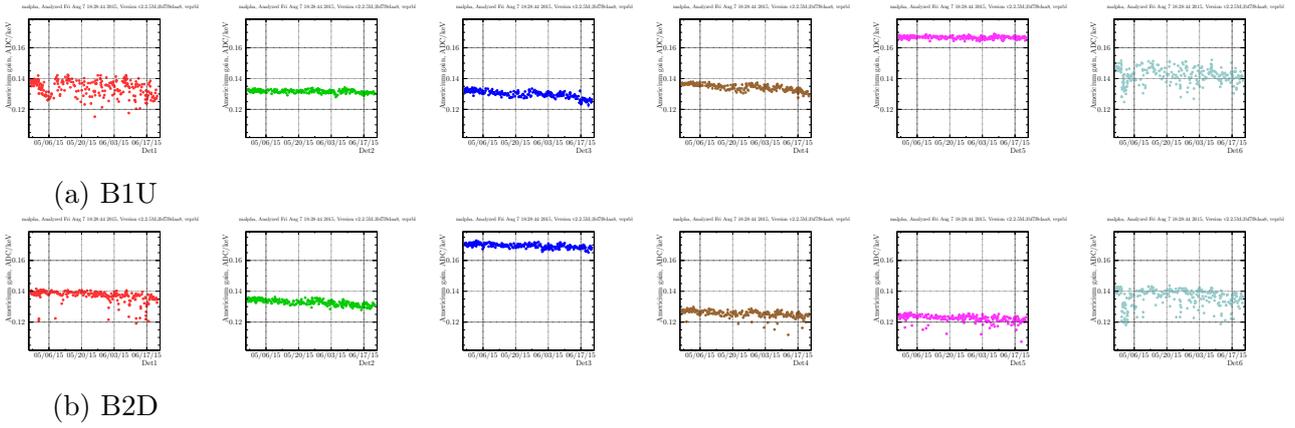


Figure 5: Time dependence of the detector gain  $g_{Am}$  as measured with  $\alpha$ -particles emitted by the  $^{241}\text{Am}$  source. Colors represent individual detectors. (run15\_alpha\_pA\_malpha)

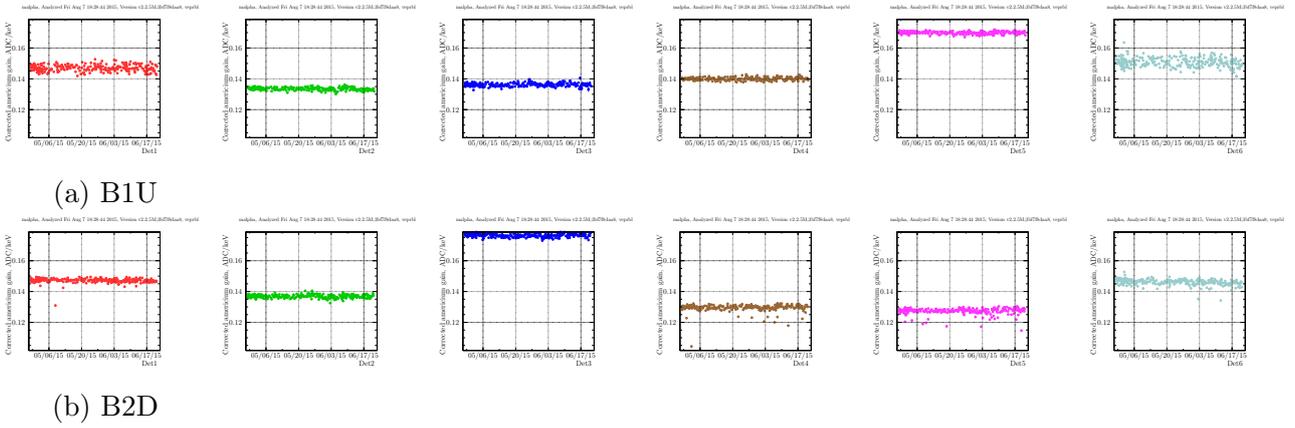


Figure 6: Time dependence of the detector gain  $g_{Am}$  that was corrected to zero bias current using the slope from Section 2. (run15\_alpha\_pA\_malpha)

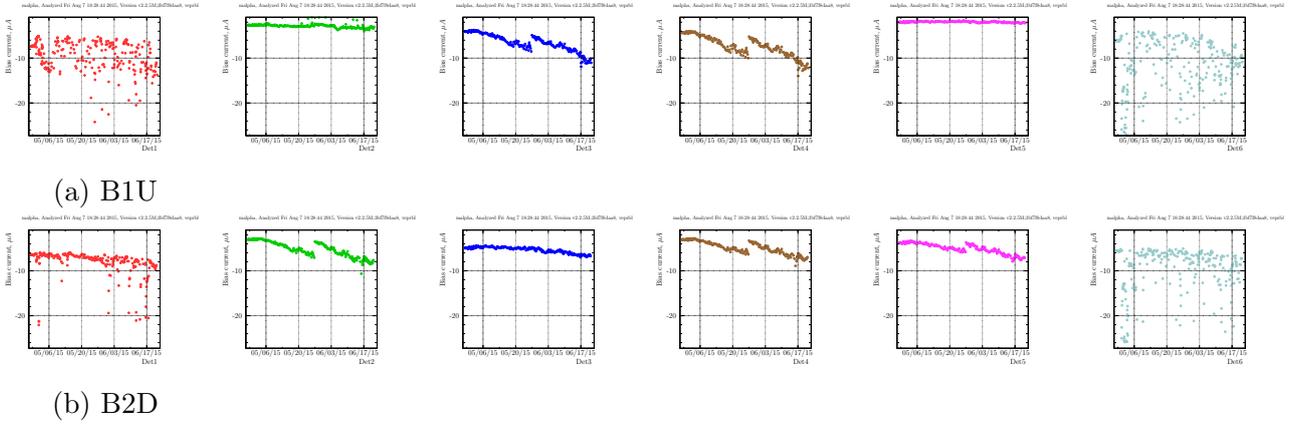


Figure 7: Bias current during individual alpha measurements. (run15\_alpha\_pA\_malpha)

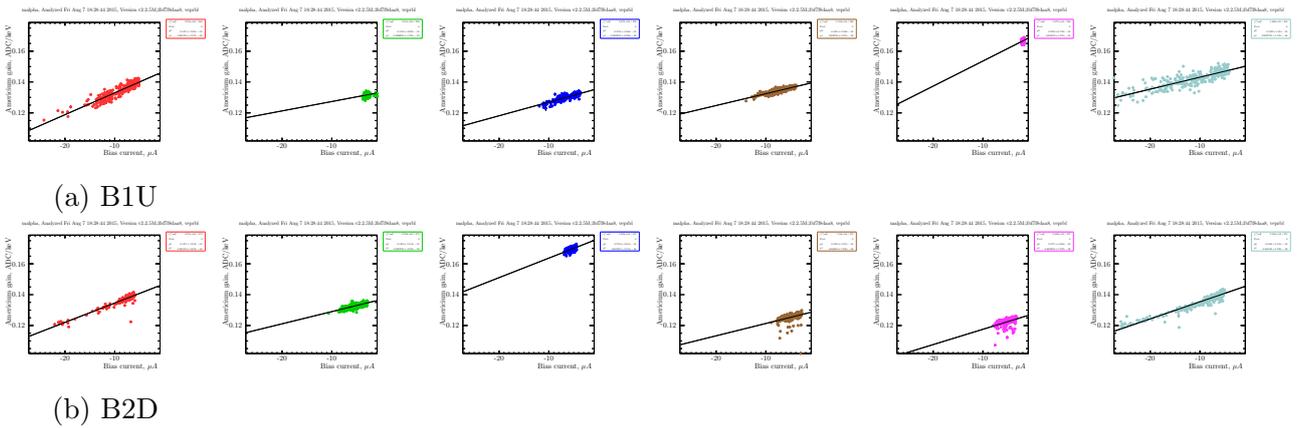


Figure 8: Bias current versus americium gain ( $\mu\text{Am}/E_{\text{Am}}$ ) dependency. The colors represent different detectors. (run15\_alpha\_pA\_malpha)